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***Flying Operations***

**AIRCREW LIFE SUPPORT (ALS)  
GUIDE--UNIT COMPLIANCE INSPECTION**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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OPR: HQ USAFE/DOTS  
(CMSgt Michael J. Freebury)

Certified by: HQ USAFE/DOT  
(Colonel Edward L. Kasl)  
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This guide provides USAFE specific guidance to AFI 11-201, using AFI 11-301, *Aircrew Life Support (ALS) Program*, as its primary reference. AFI 11-301 was recently revised with changes too numerous to mention in this section, and this is the first USAFE inspection guide using AFI 11-301 as its primary reference source. **This inspection guide is developed to support AFI 90-201, and AFI 90-201, USAFE Supplement 1, Inspector General Activities, inspection programs.** This guide identifies compliance items that support guidance in the higher headquarters publications and United States Air Forces in Europe (USAFE) publications. It applies to all USAFE Aircrew Life Support (ALS) units and members as indicated in paragraph 2. This guide supports guidance in AFI 11-301, *Aircrew Life Support (ALS) Program*, as well as the associated USAFE supplement. (This guide provides guidance on major command [MAJCOM] specific ALS issues. Maintain and dispose of records created as a result of prescribed processes in accordance with Air Force Manual 37-139, *Records Disposition Schedule*.)

**1. General.** The items listed do not constitute the order or limit the scope of the inspection or assessment. As a minimum, units should use USAFE inspection guides in conjunction with the Unit Self-Assessment. The objective is to identify deficiencies that preclude attainment of required capabilities. Higher headquarters may use this guide in whole or part during visits or exercises.

**1.1. Core Compliance Guide Items (CCGI) and Compliance Guide Items (CGI).** Items identified by functional managers to prioritize command requirements and to allow the USAFE/IG inspectors to assess criticality of deficiencies.

**1.1.1. CCGI.** Items identified by HQ USAFE directorates and functional managers as key result areas for successful mission accomplishment including, but not limited to, items where non-compliance could result in serious injury, loss of life, excessive cost, litigation or affect system reliability. These requirements may be mandated by law, Executive Order, DoD directive, safety or Air Force and USAFE strate-

gic plans. CCGIs are referred to as significant guide items requiring direct IG evaluation. Identify CCGIs by using uppercase, and bold letters.

**1.1.2. CGI.** CGIs are areas that require special vigilance and are important to the overall performance of the unit. Noncompliance could result in some negative impact on mission performance but is not likely to result in injury, unnecessary cost, or litigation. Identify CGIs by using standard sentence case.

**2. Applicability.** All items on this inspection guide are assigned an applicability code designating to which type of unit the item applies. Applicability Code 3 designates the following main operating bases: Aviano, Lakenheath, Mildenhall, Ramstein, and Spangdahlem. Applicability Code 7 designates Keflavik.

**Table 1. APPLICABILITY CODE**

<b>CODE</b>	<b>APPLIES TO:</b>
1	HQ USAFE
2	NUMBERED AIR FORCE
3	MAIN OPERATING BASE
4	ASOG
5	MUNSS
6	N/A
7	AIR BASE SQUADRON/GSU
8	COMMUNICATION SITES
9	USAFE POSTAL ACTIVITIES
10	JOINT SUPPORT SQUADRON AND ASSOCIATED DETACHMENTS

**Table 2. Inspection Items for Aircrew Life Support Units.**

<b>Item Number</b>	<b>Item</b>	<b>Reference</b>	<b>Applicability Code</b>	<b>Yes/No</b>
1.	<b>Group Aircrew Life Support Officer (LSO) and Aircrew Life Support Superintendent (LSS) program and responsibilities:</b>			
1.1.	Are waiver requests processed through HQ USAFE/DOTS?	AFI 11-301, paragraph 1.3.2.	3, 7	
1.2.	Has the LSO/LSS completed a local supplement to AFI 11-301?	AFI 11-301, paragraph 1.3.3.	3, 7	
1.3.	Do subordinate units ensure ALS matters, including requests for waivers, are channeled through their group ALS staff?	AFI 11-301, paragraph 1.3.4.	3, 7	
1.4.	Is the LSO/LSS responsible to the OG/CC for the management of the wing/group ALS program?	AFI 11-301, paragraph 2.10.1.	3, 7	
1.5.	Is the LSS appointed to the wing Exercise Evaluation Team (EET)?	AFI 11-301, paragraph 2.10.2.	3, 7	
1.6.	Do ALS facilities meet standards in AFH 32-1084?	AFI 11-301, paragraph 2.10.5	3, 7	
1.7.	Are funds allocated for the continued management of ALS programs and contingency plans?	AFI 11-301, paragraph	3, 7	
1.8.	Are ALS personnel available to perform mission essential duties contingencies, inspections and exercises?	AFI 11-301, paragraph 2.10.7.	3, 7	
1.9.	Are ALS functions advised of changes to contingency plans in time to ensure equipment is available for deployment?	AFI 11-301, paragraph 2.10.9.	3, 7	
<b>1.10.</b>	<b>(CCGI) IS ONLY "SAFE TO FLY" AND OR APPROVED BY MAJCOM POC ELSE ITEMS AND FLIGHT CLOTHING BEING USED BY UNIT PERSONNEL?</b>	AFI 11-301, paragraph 2.10.12.	3, 7	
<b>1.11.</b>	<b>(CCGI) ARE ALS PERSONNEL TRAINED AND CERTIFIED IAW CHAPTER 4 OF AFI 11-301?</b>	AFI 11-301, paragraph 2.11.1.	3, 7	

Item Number	Item	Reference	Applicability Code	Yes/No
1.12.	Is a technical order (TO) distribution account established for each ALS section with the operations group?	AFI 11-301, paragraph 2.11.2.	3, 7	
<b>1.13.</b>	<b>(CCGI) IS THE LSO/LSS MONITORING AND TRACKING TIME COMPLIANCE TECHNICAL ORDER (TCTO) PROGRAMS?</b>	AFI 11-301, paragraph 2.11.5.	3, 7	
1.14.	Are staff assistance visits (SAV) accomplished annually to each subordinate activity?	AFI 11-301, paragraph 2.11.3.	3, 7	
1.15.	Are initial task certifications accomplished on all ALS section NCOICs?	AFI 11-301, paragraph 2.11.11.	3, 7	
1.16.	Are mishap response kits developed and available?	AFI 11-301, paragraph 2.11.14.	3, 7	
1.17.	Does the LSS notify HQ USAFE/DOTS of excess equipment for redistribution to other units?	AFI 11-301, paragraph 3.5.	3, 7	
1.18.	Has the LSS established procedures to route TO improvement reports (AFTO 22, <b>Technical Manual TM Change Recommendation and Reply</b> ) and assign improvement report numbers?	AFI 11-301, paragraph 3.8.1.	3, 7	
1.19.	Has the LSO/LSS developed operating instructions addressing internal ALS procedures?	AFI 11-301, paragraph 3.8.3.	3, 7	
1.20.	Has the LSO/LSS managed and nominated individual and unit ALS Awards to HQ USAFE/DOTS?	AFI 11-301, paragraph 3.18.3.	3, 7	
1.21.	Has the LSS standardized equipment-tracking methods within his/her respective group?	AFI 11-301, paragraph 3.19.	3, 7	
1.22.	Has the LSS developed a Master Task Listing (MTL)?	AFI 11-301, paragraph 4.2.1.	3, 7	
1.23.	Has the LSO/LSS established standardized local directives to address deployment and contingency operations?	AFI 11-301, paragraph 7.2.2.	3, 7	

Item Number	Item	Reference	Applicability Code	Yes/No
1.24.	Have equipment shortages resulting in mission impairment been reported through the Status of Resources and Training System (SORTS)?	AFI 11-301, paragraph 7.2.2.	3, 7	
<b>2.</b>	<b>Flying squadron Aircrew Life Support Officer (LSO) and Aircrew Life Support NCOIC program and responsibilities:</b>			
2.1.	Is a rated officer appointed to function as the Aircrew Life Support Officer (LSO)?	AFI 11-301, paragraph 2.12.1.	3, 7	
<b>2.2.</b>	<b>(CCGI) ARE AIRCREWS RESTRICTED FROM FLYING WHEN THEY HAVE NOT COMPLETED REQUIRED ALS TRAINING EVENTS (GROUNDING EVENTS ONLY)?</b>	AFI 11-301, paragraph 2.12.7.	3, 7	
2.3.	Are adequate vehicles available to transport aircrew life support equipment (ALSE)?	AFI 11-301, paragraph 2.12.8.	3, 7	
2.4.	Is adequate funding provided to sustain non-cost per flying hour program items?	AFI 11-301, paragraph 2.12.11.	3, 7	
2.5.	Is a current file of directives, procedures, TOs, and manual maintained (either "hard-copy" or electronic)?	AFI 11-301, paragraph 2.13.1.	3, 7	
2.6.	Is an annual in-depth ALS assessment conducted?	AFI 11-301, paragraph 2.13.3.	3, 7	
<b>2.8.</b>	<b>(CCGI) HAS THE LSO/NCOIC DEVELOPED A COMPREHENSIVE QUALITY ASSURANCE (QA) PROGRAM IAW AFI 11-301?</b>	AFI 11-301, paragraph 3.7.	3, 7	
2.9.	Does the NCOIC manage the OJT for their respective ALS section and ensure all requirements of AFI 11-301, paragraphs 4.2.2, 4.2.3, 4.2.4, and 4.2.5 are met?	AFI 11-301, paragraph 4.2.	3, 7	

Item Number	Item	Reference	Applicability Code	Yes/No
3.	<b>Aircrew life support equipment (ALSE) and program management (all sections or functions within ALS):</b>			
3.1.	Do aircraft commanders (AC) of multi-place aircraft ensure all prepositioned ALS and survival items are serviceable, inventoried, and certified on the AFTO Form 46, <b>Prepositioned Life Support Equipment?</b>	AFI 11-301, paragraph 2.14.1.	3, 7	
3.2.	Do aircraft commanders or designated representative document and ensure missing ALSE is annotated on AFTO Form 781A, <b>Maintenance Discrepancy and Work Document?</b>	AFI 11-301, paragraph 2.14.3.	3, 7	
3.3.	Do aircrews carry flying helmets, oxygen masks and headsets in the helmet bag to and from the ALS facility?	AFI 11-301, paragraph 2.15.2.	3, 7	
3.4.	Do aircrews possess all the required aircrew chemical defense equipment (ACDE) items prior to deploying to a threat area?	AFI 11-301, paragraph 2.15.3.	3, 7	
3.5.	Do aircrew perform preflight of ALSE as required?	AFI 11-301, paragraph 2.15.7.	3, 7	
3.6.	Does each ALS activity prepare and submit a detailed budget and financial plan?	AFI 11-301, paragraph 3.2.2.	3, 7	
3.7.	Does each ALS section budget for and establish individual supply accounts?	AFI 11-301, paragraph 3.3.1.	3, 7	
3.8.	Are configuration data files maintained for each supply account?	AFI 11-301, paragraph 3.3.5.	3, 7	
3.9.	Do supply account custodians submit supply difficulty and mission impact letters when units experience delays in receiving supplies and equipment?	AFI 11-301, paragraph 3.3.9.	3, 7	

Item Number	Item	Reference	Applicability Code	Yes/No
3.10.	<b>(CCGI) IS A QUALITY CONTROL INSPECTION (QCI) ON AT LEAST 10% OF EACH TYPE OF EQUIPMENT AND 100 PERCENT OF ITEMS RECEIVED FROM SUPPORT AGENCIES AND 3-SKILL LEVEL WORK (UNTIL THE INDIVIDUAL IS TASK CERTIFIED)?</b>	AFI 11-301, paragraph 3.7.2.	3, 7	
3.11.	Does each ALS function determine, and have on hand, the necessary T.O.s and publications to meet its needs?	AFI 11-301, paragraph 3.8.1.	3, 7	
3.12.	Are sufficient work and storage areas available for ALS?	AFI 11-301, paragraph 3.9.3.	3, 7	
3.13.	<b>(CCGI) ARE ALS PERSONNEL FOLLOWING UNIVERSAL PRECAUTIONS WHEN CONTACT WITH BODY FLUIDS IS LIKELY?</b>	AFI 11-301, paragraph 3.10.1.	3, 7	
3.14.	Do ALS units establish the appropriate resource protection program, meeting criteria in AFI 31-101?	AFI 11-301, paragraph 3.11.1.	3, 7	
3.15.	<b>(CCGI) ARE MUNITIONS STORAGE FACILITIES WITHIN ALS SECTIONS MANAGED IAW DOD 5100.76-M, AFI 31-101 AND AFMAN 91-201?</b>	AFI 11-301, paragraph 3.11.2.	3, 7	
3.16.	Are mishap prevention, AFOSH and operational risk management programs administered and tailored to the needs of ALS operations?	AFI 11-301, paragraph 3.12.1.	3, 7	
3.17.	Have supervisors attended Supervisor Safety Training?	AFI 11-301, paragraph 3.12.3.	3, 7	
3.18.	<b>(CCGI) HAVE SUPERVISORS DEVELOPED SAFETY, FIRE PROTECTION AND HEALTH ON-THE-JOB TRAINING PROGRAMS?</b>	AFI 11-301, paragraph 3.12.4.	3, 7	

Item Number	Item	Reference	Applicability Code	Yes/No
3.19.	<b>(CCGI) IS HAZARDOUS COMMUNICATIONS (HAZCOM) TRAINING ACCOMPLISHED AND DOCUMENTED?</b>	AFI 11-301, paragraph 3.13.2.	3, 7	
3.20.	<b>(CCGI) ARE EXPLOSIVE SAFETY AND MUNITIONS SAFETY PROGRAMS ESTABLISHED AND DEVELOPED VIA A LOCAL DIRECTIVE AND REVIEWED ANNUALLY?</b>	AFI 11-301, paragraph 3.14.1.	3, 7	
3.21.	<b>(CCGI) IS A CTK AND LOST TOOL PROCEDURE PROGRAM ESTABLISHED?</b>	AFI 11-301, paragraph 3.15.1.	3, 7	
3.22.	<b>(CCGI) IS ONLY ALSE APPROVED "SAFE TO FLY" USED FOR FLIGHT OPERATIONS AND IS ALL ALSE MAINTAINED AND MANAGED IAW T.O. GUIDANCE, APPROVED MANUALS AND APPLICABLE DIRECTIVES?</b>	AFI 11-301, paragraph 6.4.	3, 7	
3.23.	Are ALSE and inspection records (on equipment) appropriately sanitized prior to deployment?	AFI 11-301, paragraph 6.5.1.	3, 7	
3.24.	<b>(CCGI) HAVE FIRE DEPARTMENT PERSONNEL BEEN TRAINED WITH KNOWLEDGE ABOUT ALSE THEY MAY ENCOUNTER DURING AIRCRAFT EXTRACTION?</b>	AFI 11-301, paragraph 6.5.3.	3, 7	
3.25	If vacuum packing is used for ALSE, are the directions in AFI 11-301, being adhered to?	AFI 11-301, paragraph 6.5.5.	3, 7	
3.26.	Is ALSE being reused as operational assets after being involved in a Class A Aircraft mishap in violation of AFI 11-301?	AFI 11-301, paragraph 6.6.	3, 7	



Item Number	Item	Reference	Applicability Code	Yes/No
3.27.	Does the unit comply with responsibilities of non-pilot units and understand their Operations Plan and Concept Plan Development and Implementation?	AFI 11-301, paragraph 7.2.3.	3, 7	
3.28.	Are non-pilot units reviewing unit type code (UTC) equipment listings on a biennial basis?	AFI 11-301, paragraph 7.2.3.	3, 7	
<b>3.29.</b>	<b>(CCGI) IF APPLICABLE, ARE PERSONNEL QUALIFIED IN UNIT ASSIGNED AIRCREW WEAPONS PROCEDURES?</b>	AFI 11-301, paragraph 7.3.2.	3, 7	
3.30.	Are all ALS personnel current in essential ancillary training and wartime skills prior to deployment?	AFI 11-301, paragraph 7.3.3.	3, 7	
3.31.	Are sufficient quantities of equipment, parts, supplies, etc, packed to support extended combat operations?	AFI 11-301, paragraph 7.4.4.	3, 7	
3.32.	Are mobility bins and boxes inventoried at least every 180 days?	AFI 11-301, paragraph 7.4.6.	3, 7	
3.33.	Is all accountable equipment and deployable ALSE coded properly for mobility or home station use on the unit custodian authorization/custody receipt listing (CA/CRL)?	AFI 11-301, paragraph 7.4.7.	3, 7	
3.34.	Is Test Measurement and Diagnostic Equipment (TMDE) calibrated to the maximum extent possible prior to deployments.	AFI 11-301, paragraph 7.4.8.	3, 7	
3.35.	Is deploying ALSE and accompanying inspection forms (attached to equipment) sanitized of data?	AFI 11-301, paragraph 7.5.1.	3, 7	
3.36.	Are ALS personnel assigned to the correct weapon-arming group?	AFI 11-301, paragraph 7.7.2.	3, 7	
3.37.	Is a full basis of issue (BOI) of ACDE available for each aircrew deployable to a chemical or biological threat area?	AFI 11-301, paragraph 7.8.1.	3, 7	
3.38.	Is individual aircrew sizing information available IAW AFI 11-301?	AFI 11-301, paragraph 7.8.4.	3, 7	

Item Number	Item	Reference	Applicability Code	Yes/No
3.39.	Are ALS personnel trained in ACCA operations management and processing procedures?	AFI 11-301, paragraph 7.8.6.	3, 7	
<b>4</b>	<b>Evaluate the unit's Aircrew Life Support Continuation Training (ALSCT) program. Assess the unit's performance-based evaluations to ensure aircrew members can fully utilize ALS equipment in realistic scenarios.</b>			
4.1.	Is the ALSCT program actively managed by qualified and certified instructors?	AFI 11-301, paragraph 2.10.3.	3, 7	
4.2.	Are adequate distraction-free training facilities, sites and equipment available to conduct ALSCT events?	AFI 11-301, paragraph 2.10.4.	3, 7	
4.3.	Do aircrews maintain proficiency in donning, doffing, buddy dress, and aircrew contamination control area (ACCA) procedures?	AFI 11-301, paragraph 2.15.5.	3, 7	
4.4.	Is "hands-on" training used as the standard method of developing aircrew proficiency?	AFI 11-301, paragraph 5.1.	3, 7	
4.5.	Are ALSCT instructors qualified to instruct, using Table 4.1?	AFI 11-301, paragraph 5.4.2.	3, 7	
4.6.	Are aircrews adhering to ALSCT requirements in AFI 11-301?	AFI 11-301, paragraph 5.5.	3, 7	
<b>4.7.</b>	<b>(CCGI) DOES THE LSO/LSS ENSURE OPERATIONAL RISK MANAGEMENT (ORM) IS FULLY IMPLEMENTED AS PART OF ALSCT SAFETY?</b>	AFI 11-301, paragraph 5.6.1.	3, 7	
<b>4.8.</b>	<b>(CCGI) DOES THE LSS DEVELOP AND PUBLISH AND EMERGENCY ACTION PLAN (EAP) FOR USE DURING ANY ALSCT EVENT WHERE INJURY IS LIKELY?</b>	AFI 11-301, paragraph 5.6.2.	3, 7	

Item Number	Item	Reference	Applicability Code	Yes/No
4.9.	<b>(CCGI) DO PASSENGERS SCHEDULED FOR EJECTION SEAT EQUIPPED AIRCRAFT INCENTIVE RIDES RECEIVE ALSE TRAINING NO EARLIER THAN 72 HOURS BEFORE FLIGHT?</b>	AFI 11-301, paragraph 5.7.1.	3, 7	
4.10.	Are training rosters forwarded to the correct office after completion of courses?	AFI 11-301, paragraph 5.8.2.	3, 7	
4.11.	Is ALS improperly being held responsible for maintaining the aviation resource management system (ARMS) or tracking ALSCT events in ARMS?	AFI 11-301, paragraph 5.8.5.	3, 7	
4.12.	Are the appropriate egress trainers (or aircraft) being used to conduct egress procedures?	AFI 11-301, paragraph 5.9.1.	3, 7	
4.13.	Do aircrews wear all clothing and ALSE items typically worn during contingency operations when attending aircrew chemical defense training (ACDT) and egress training?	AFI 11-301, paragraph 5.9.3.	3, 7	
4.14.	Do ALSCT instructors inspect training devices and aids prior to use to ensure proper configuration and operation?	AFI 11-301, paragraph 5.9.4.	3, 7	
4.15.	Does training equipment mirror operational equipment to the maximum extent possible?	AFI 11-301, paragraph 5.9.5.	3, 7	
4.16.	Are only instructor guides (IG) developed by USAFE or 436th Training Squadron used for ALSCT?	AFI 11-301, paragraph 5.10.2.	3, 7	
4.17.	If no IG is available, does the LSO/LSS produce standardized lesson plans and have HQ USAFE/DOTS review and approve them?	AFI 11-301, paragraph 5.10.4.	3, 7	
4.18.	Are all IGs and locally prepared lesson plans used for ALSCT reviewed annually by the LSO or LSS?	AFI 11-301, paragraph 5.10.5.	3, 7	

Item Number	Item	Reference	Applicability Code	Yes/No
4.19.	Are aircrews trained on handling, use and installation of lithium batteries in aircrew eye/respiratory protection (AERP) equipment?	AFI 11-301, paragraph 7.8.5.	3, 7	
	LAST ITEM			

CHARLES N. SIMPSON, Major General, USAF  
Director of Air and Space Operations